(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



תום ועובו בינו תחופה ענו בקילו וחוד מינת האם ועופה או וולאו בתו נונות או וולאו או הווא וויועו בעובו

(43) International Publication Date 9 June 2005 (09.06.2005)

PCT

(10) International Publication Number WO 2005/051813 A1

(51) International Patent Classification7:

.____

B65G 67/20

(21) International Application Number:

PCT/NL2004/000823

(22) International Filing Date:

26 November 2004 (26.11.2004)

(25) Filing Language:

Dutch

(26) Publication Language:

English

(30) Priority Data:

1024885

26 November 2003 (26.11.2003) N

(71) Applicant and

(72) Inventor: MELIER, Sjoerd [NL/NL]; Oude Bildtdijk 894, NL-9079 NG St. Jacobiparochie (NL).

(74) Agent: T JONG, Bastlann, Jacobus; Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN. CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JR, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW. GH. GM. KE, LS. MW. MZ, NA. SD. SL. SZ. TZ. UG. ZM. ZW), Eurasian (AM. AZ, BY. KG, KZ, MD, RU, TJ. TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EB, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

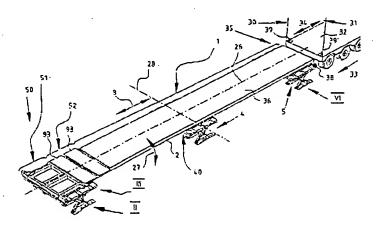
Published:

with international search report

 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other obbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LOADING DEVICE COMPRISING AN AUXILIARY TRANSPORT MEANS



(57) Abstract: The invention relates to a loading device (1) for transferring a cargo (50) onto a mobile loading floor (32), comprising a frame (2) having a carrying surface (36) wherein the carrying surface (36) has a longitudinal direction (34) and wherein the frame (2) is also provided with support means (3-5) for supporting the loading device (1) on a ground surface. The invention is characterized in that the loading device (1) is provided with adjusting means for aligning an outer end (35) in the longitudinal direction (34) of the carrying surface (1). The invention further relates to an auxiliary transport means (100) for loading and unloading cargo in a vehicle (30), comprising a frame (102) provided with support means for supporting a cargo (50) placeable on the auxiliary transport means (100) and formed by a number of first roller elements (101) arranged at a regular mutual distance, and moving means for moving over a surface the auxiliary transport means (100) formed by a number of second roller elements (120) arranged at a regular mutual distance and a number of bearing-mounted wheels (113) connected movably to the frame (102).

93%